

**SEQUENCE LISTING**

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<120> ANTIOXIDANT PHARMACEUTICAL COMPOUND, METHOD FOR PRODUCING  
POLYPEPTIDE AND METHOD OF CURE

<130> u015763-7

<140> 10/534238  
<141> 2005-05-0

<150> PCT/RU03/00473  
<151> 2003-11-05

<160> 8

<170> PatentIn version 3.3

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<212> DNA

<213> Homo sapiens

<220>

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<222> (44) .. (715)

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Met Pro Gly Gly  
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Leu Leu Leu Gly Asp Val Ala Pro Asn Phe Glu Ala Asn Thr Thr Val
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103

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ggc cgc atc cgt ttc cac gac ttt ctg gga gac tca tgg ggc att ctc
Gly Arg Ile Arg Phe His Asp Phe Leu Gly Asp Ser Trp Gly Ile Leu
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151

ttc tcc cac cct cg<sup>40</sup> gac ttt acc cca gtg tgc acc aca gag ctt ggc  
 Phe Ser His Pro Arg Asp Phe Thr Pro Val Cys Thr Thr Glu Leu Gly  
45 50

199

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Arg Ala Ala Lys Leu Ala Pro Glu Phe Ala Lys Arg Asn Val Lys Leu
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att gcc ctt tca ata gac agt gtt gag gac cat ctt gcc tgg agc aag Ile Ala Leu Ser Ile Asp Ser Val Glu Asp His Leu Ala Trp Ser Lys	295
70 75 80	
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85 90 95 100	
ccc atc atc gat gat agg aat cgg gag ctt gcc atc ctg ttg ggc atg Pro Ile Ile Asp Asp Arg Asn Arg Glu Leu Ala Ile Leu Leu Gly Met	391
105 110 115	
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120 125 130	
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135 140 145	
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150 155 160	
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165 170 175 180	
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185 190 195	
gaa gcc aaa aaa ctt ttc ccg aaa gga gtc ttc acc aaa gag ctc cca Glu Ala Lys Lys Leu Phe Pro Lys Gly Val Phe Thr Lys Glu Leu Pro	679
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Trp Gly Ile Leu Phe Ser His Pro Arg Asp Phe Thr Pro Val Cys Thr  
35 40 45

Thr Glu Leu Gly Arg Ala Ala Lys Leu Ala Pro Glu Phe Ala Lys Arg  
50 55 60

Asn Val Lys Leu Ile Ala Leu Ser Ile Asp Ser Val Glu Asp His Leu  
65 70 75 80

Ala Trp Ser Lys Asp Ile Asn Ala Tyr Asn Cys Glu Glu Pro Thr Glu  
85 90 95

Lys Leu Pro Phe Pro Ile Ile Asp Asp Arg Asn Arg Glu Leu Ala Ile  
100 105 110

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115 120 125

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Leu Ser Ile Leu Tyr Pro Ala Thr Thr Gly Arg Asn Phe Asp Glu Ile  
145 150 155 160

Leu Arg Val Val Ile Ser Leu Gln Leu Thr Ala Glu Lys Arg Val Ala  
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Thr Pro Val Asp Trp Lys Asp Gly Asp Ser Val Met Val Leu Pro Thr  
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tcc tcc cac cct cgg gac ttt acc cca gtg tgc acc aca gag ctt ggc 199  
Phe Ser His Pro Arg Asp Phe Thr Pro Val Cys Thr Glu Leu Gly  
40 45 50

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70 75 80

gat atc aat gct tac aat tgt gaa gag ccc aca gaa aag tta cct ttt 343  
Asp Ile Asn Ala Tyr Asn Cys Glu Glu Pro Thr Glu Lys Leu Pro Phe  
85 90 95 100

ccc atc atc gat gat agg aat cgg gag ctt gcc atc ctg ttg ggc atg 391  
Pro Ile Ile Asp Asp Arg Asn Arg Glu Leu Ala Ile Leu Leu Gly Met  
105 110 115

ctg gat cca gca gag aag gat gaa aag ggc atg cct gtg aca gct cgt 439  
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120 125 130

gtg gtg ttt gtt ttt ggt cct gat aag aag ctg aag ctg tct atc ctc 487  
Val Val Phe Val Phe Gly Pro Asp Lys Lys Leu Lys Leu Ser Ile Leu  
135 140 145

tac cca gct acc act ggc agg aac ttt gat gag att ctc agg gta gtc 535  
Tyr Pro Ala Thr Thr Gly Arg Asn Phe Asp Glu Ile Leu Arg Val Val  
150 155 160

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Trp Gly Ile Leu Phe Ser His Pro Arg Asp Phe Thr Pro Val Cys Thr  
35 40 45

Thr Glu Leu Gly Arg Ala Ala Lys Leu Ala Pro Glu Phe Ala Lys Arg  
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Asn Val Lys Leu Ile Ala Leu Ser Ile Asp Ser Val Glu Asp His Leu  
65 70 75 80

Ala Trp Ser Lys Asp Ile Asn Ala Tyr Asn Cys Glu Glu Pro Thr Glu  
85 90 95

Lys Leu Pro Phe Pro Ile Ile Asp Asp Arg Asn Arg Glu Leu Ala Ile  
100 105 110

Leu Leu Gly Met Leu Asp Pro Ala Glu Lys Asp Glu Lys Gly Met Pro  
115 120 125

Val Thr Ala Arg Val Val Phe Val Phe Gly Pro Asp Lys Lys Leu Lys  
130 135 140

Leu Ser Ile Leu Tyr Pro Ala Thr Thr Gly Arg Asn Phe Asp Glu Ile  
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Leu Arg Val Val Ile Ser Leu Gln Leu Thr Ala Glu Lys Arg Val Ala  
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Thr

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